

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2005/000562

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C07K14/195 C12N15/31 C07K16/12 C12Q1/68 A61K39/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N A61K C07K C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, EMBL, BIOSIS, Sequence Search

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE EMBL [Online] 24 October 2002 (2002-10-24). GEBHART C.J. ET AL.: "Genomic Sequence Survey of Lawsonia intracellularis, the causative agent of proliferative enteropathy, identifies numerous genes of relevance to diagnosis, virulence and immunoprophylaxis" XP002269209 retrieved from EMBL accession no. BH795495 Sequence data	3,7
Y	WO 02/26250 A (UNIV ARIZONA) 4 April 2002 (2002-04-04) the whole document	1-27
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"g" document member of the same patent family

Date of the actual completion of the international search

10 June 2005

Date of mailing of the international search report

19-08-2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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Y	EP 1 219 711 A (AKZO NOBEL NV) 3 July 2002 (2002-07-03) the whole document	1-27
A	----- WO 00/69903 A (AGRICULTURE VICTORIA SERV PTY ;HASSE DETLEF (AU); PANACCIO MICHAEL) 23 November 2000 (2000-11-23) the whole document	
A	----- US 5 885 823 A (KNITTEL JEFFREY P ET AL) 23 March 1999 (1999-03-23) the whole document	
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